

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080820\
 Data File : VU039802.D
 Acq On : 08 Aug 2020 11:21
 Operator : SY/MD
 Sample : L3590-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 01:18:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 10 01:16:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68859	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69013	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33870	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14474	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.92	69	18483	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.58	63	20912	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.65	46	92490	56.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.12%
24) Chloroform-d	5.08	84	43983	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.72	65	28182	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.74	84	74253	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.70	67	25298	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	49642	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
43) trans-1,3-Dichloropropene-	8.19	79	9105	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	58247	49.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.86%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27139	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	28076	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

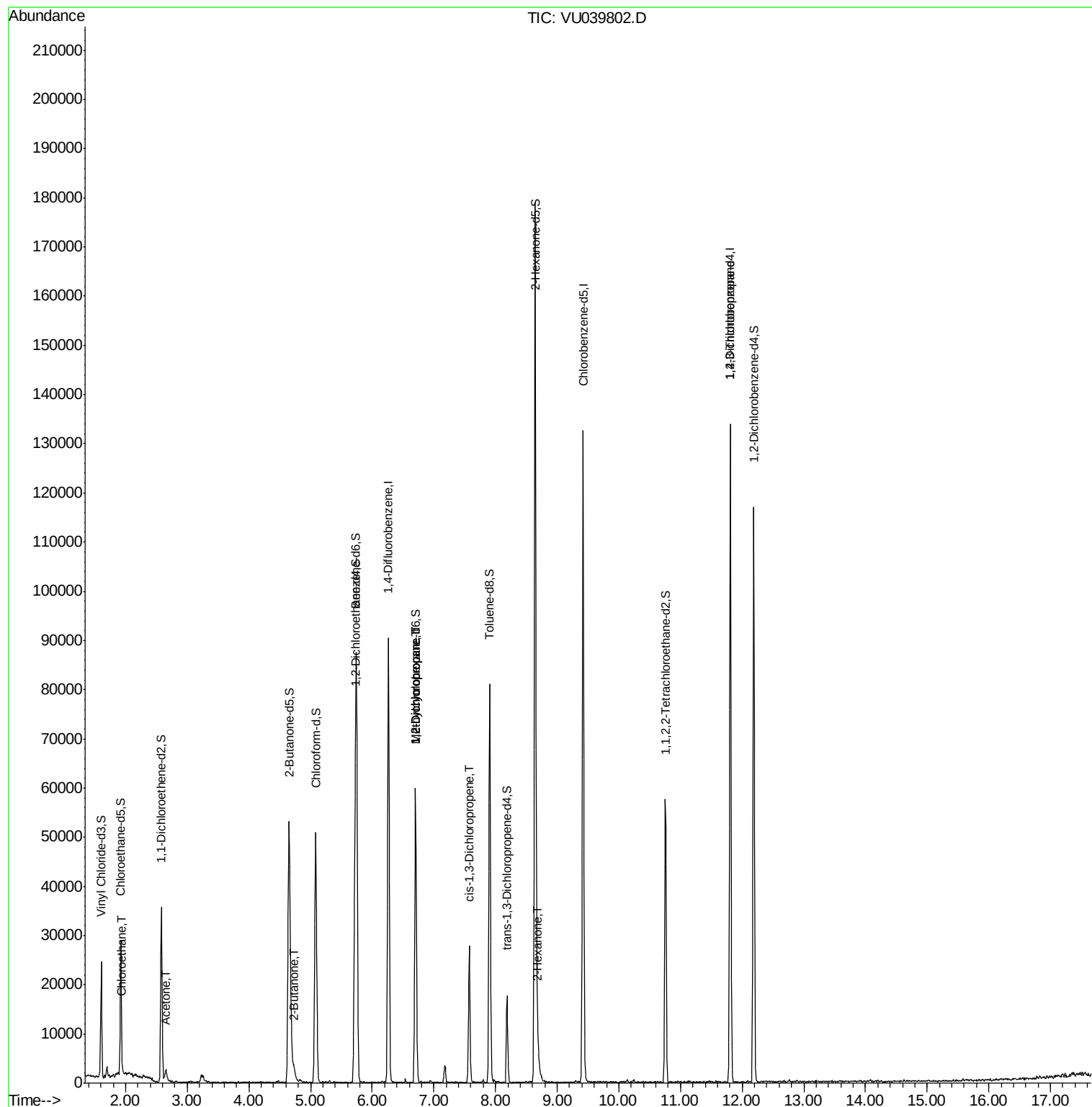
					Ovalue
8) Chloroethane	1.95	64	359	0.087 ug/L #	43
13) Acetone	2.66	43	4098	4.250 ug/L	92
21) 2-Butanone	4.74	43	2894	1.905 ug/L	75
35) Methylcyclohexane	6.70	83	5629	0.722 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3005	0.602 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	762	0.112 ug/L #	43
48) 2-Hexanone	8.69	43	3437	1.275 ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	4705	1.306 ug/L	96

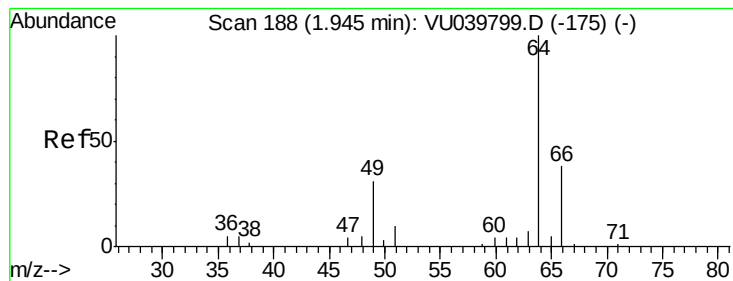
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU039802.D

Acq: 08 Aug 2020 11:21

Instrument :

MSVOA_U

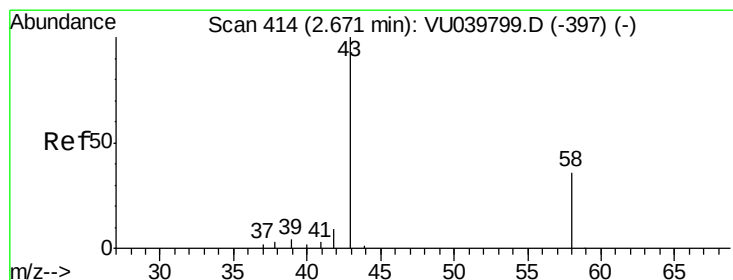
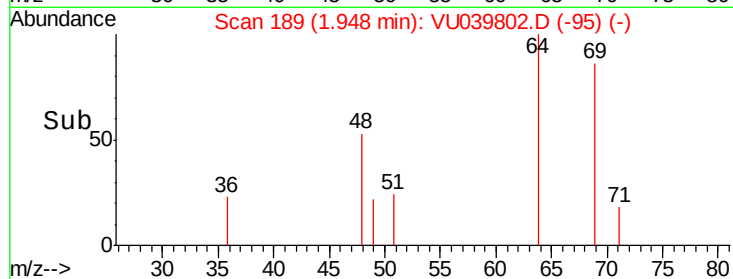
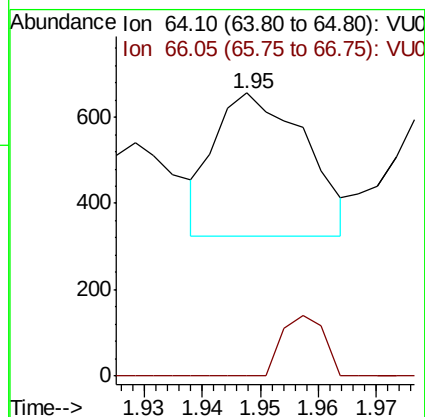
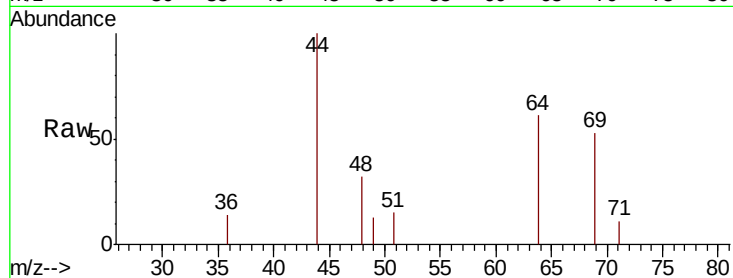
ClientSampled :

Tot Ion: 64 Resp: 359

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.3#



#13

Acetone

Concen: 4.250 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU039802.D

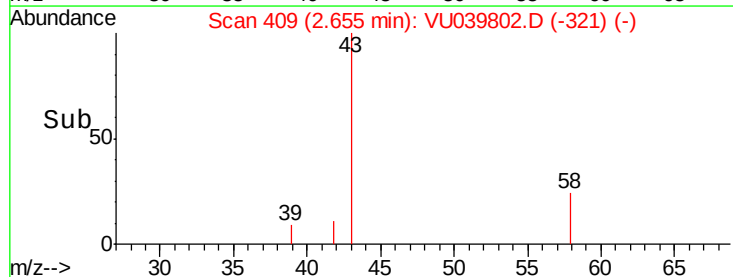
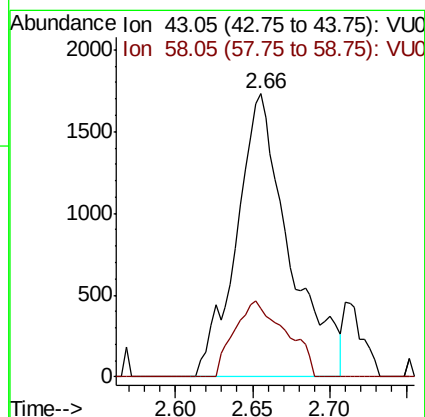
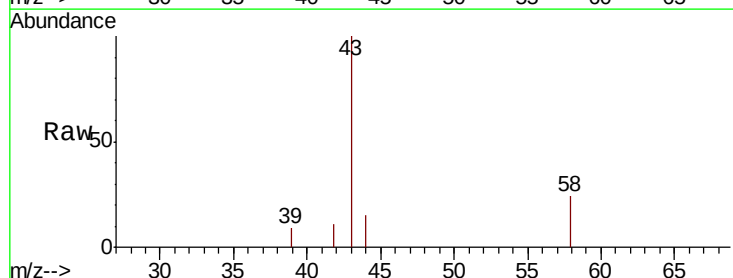
Acq: 08 Aug 2020 11:21

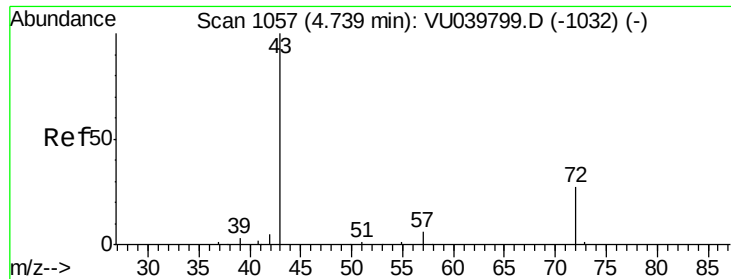
Tgt Ion: 43 Resp: 4098

Ion Ratio Lower Upper

43 100

58 26.3 0.0 61.8

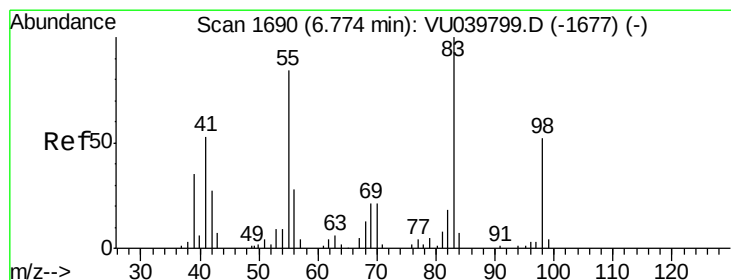
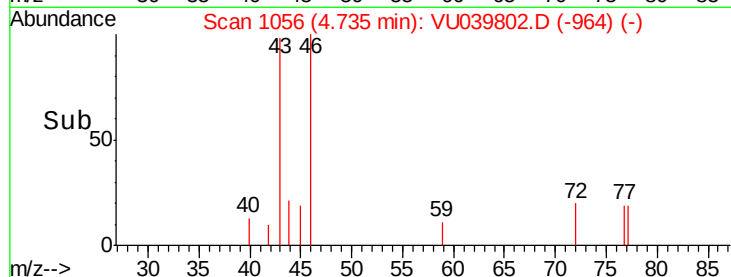
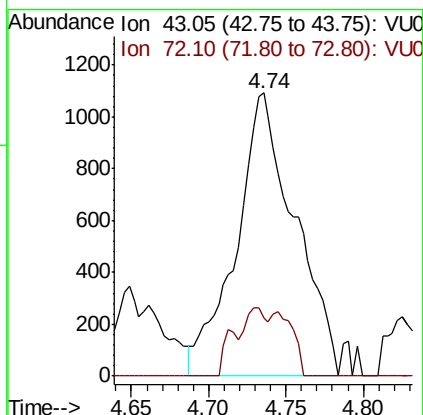
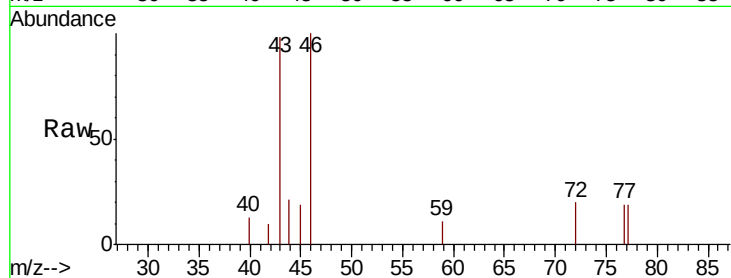




#21
2-Butanone
Concen: 1.905 ug/L
RT: 4.74 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VU039802.D
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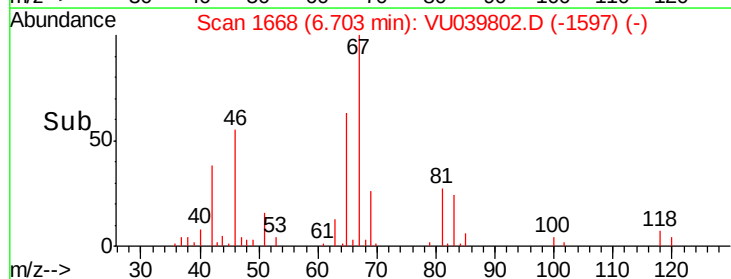
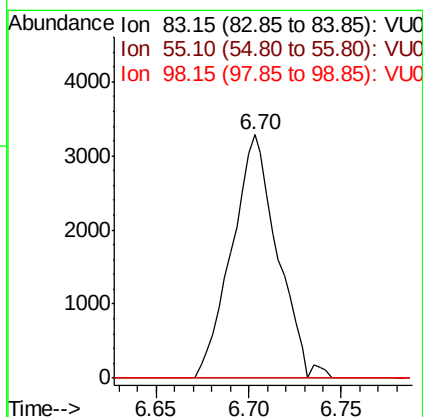
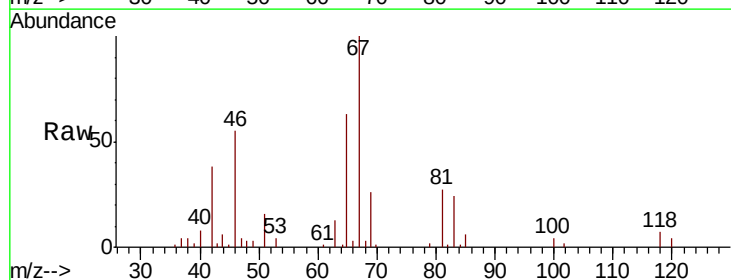
Instrument :
MSVOA_U
ClientSampleId :

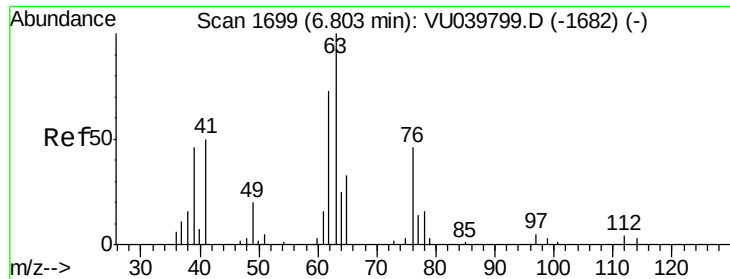
Tot Ion: 43 Resp: 2894
Ion Ratio Lower Upper
43 100
72 13.2 13.0 39.0



#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039802.D
Acq: 08 Aug 2020 11:21

Tgt Ion: 83 Resp: 5629
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.7 39.0 58.4#

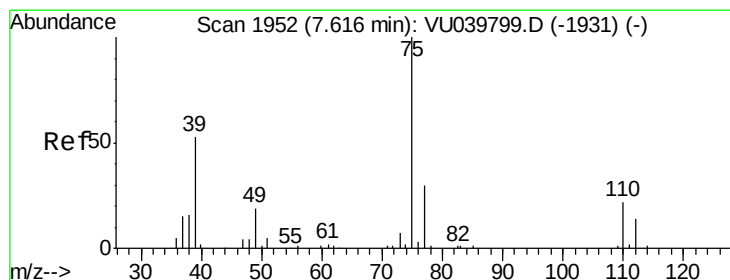
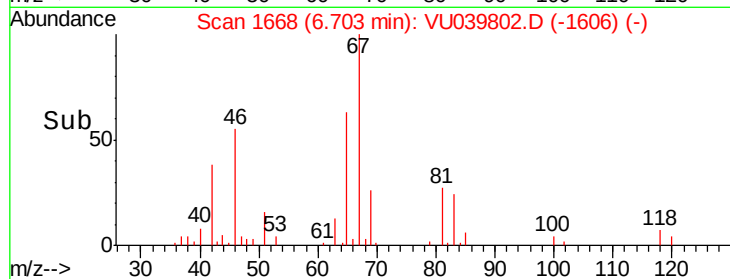
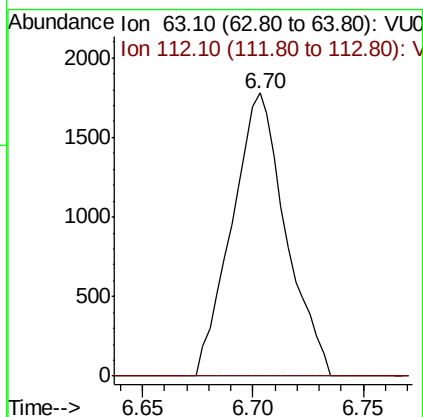
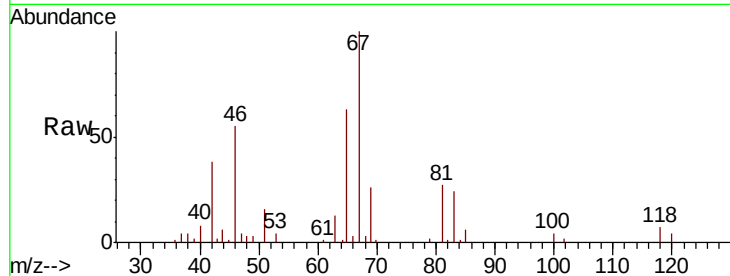




#37
 1,2-Dichloropropane
 Concen: 0.602 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039802.D
 Acq: 08 Aug 2020 11:21

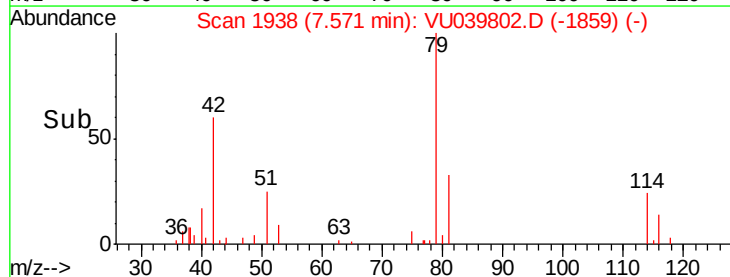
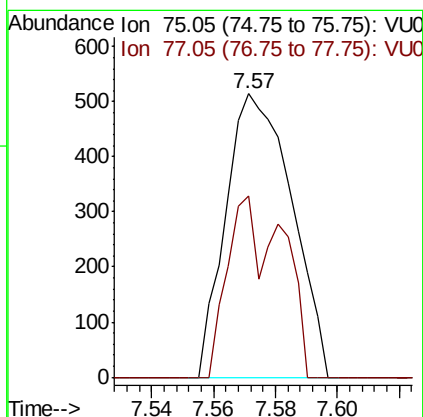
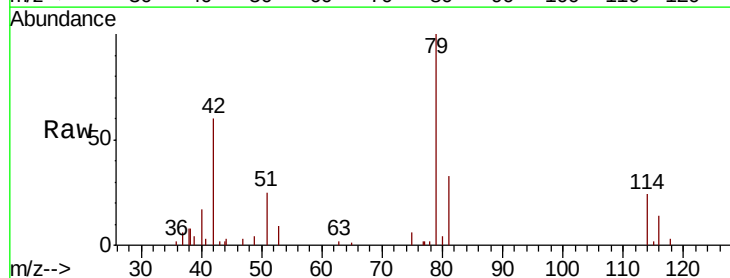
Instrument :
 MSVOA_U
 ClientSampleId :

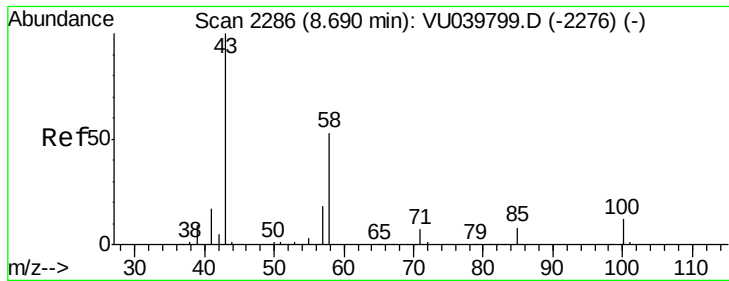
Tot Ion: 63 Resp: 3005
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU039802.D
 Acq: 08 Aug 2020 11:21

Tgt Ion: 75 Resp: 762
 Ion Ratio Lower Upper
 75 100
 77 64.0 22.4 41.6#





#48

2-Hexanone

Concen: 1.275 ug/L

RT: 8.69 min Scan# 2287

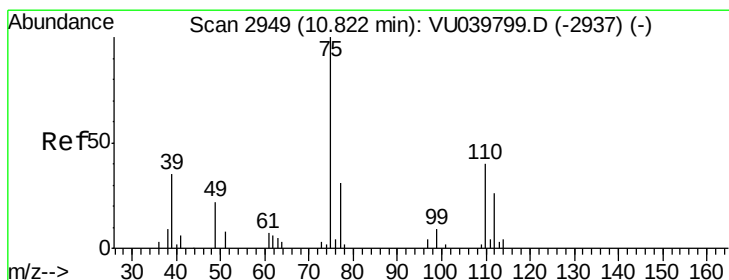
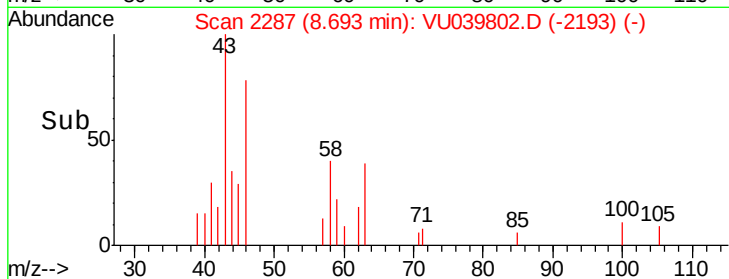
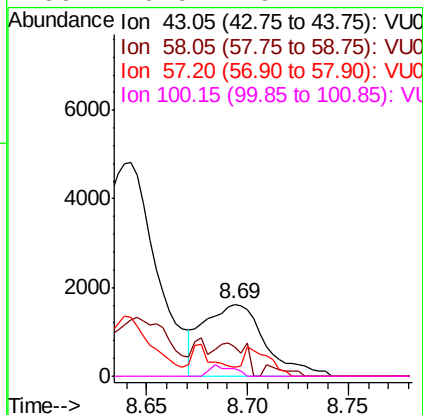
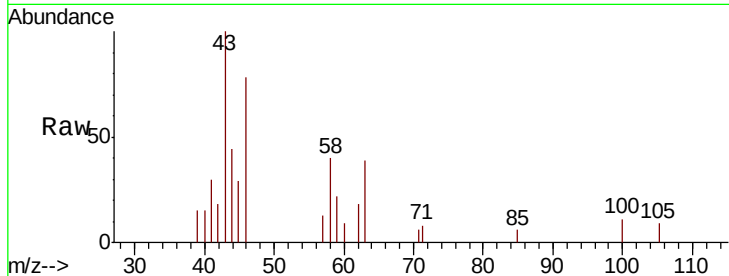
Delta R.T. 0.00 min

Lab File: VU039802.D

Acq: 08 Aug 2020 11:21

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	3437
Ion	Ratio	Lower	Upper
43	100		
58	19.1	41.8	62.8#
57	17.5	14.2	21.4
100	0.0	9.4	14.2#



#59

1,2,3-Trichloropropane

Concen: 1.306 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039802.D

Acq: 08 Aug 2020 11:21

Tgt Ion:	75	Resp:	4705
Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.6	37.0

